

INFORMAZIONI PERSONALI

Silvana De Pirro (Ph.D)

OCCUPAZIONE PER LA QUALE
SI CONCORRE

Ricercatore in Neuropsicofarmacologia delle Sostanze d'abuso in Ambito Umano

Dipartimento di Fisiologia e Farmacologia "Vittorio Erspamer",
Settore scientifico-disciplinare (BIO-14)
Facoltà di Medicina e Farmacia
La Sapienza, Università di Roma

ESPERIENZA
PROFESSIONALE

2021-2022

System Neurobiology Postdoctoral Fellow

Department of Biomedical and Clinical Sciences, Linköping University Hospital and Region Östergötland, Sweden

PROJECT: *"Morphine Effects on Stress Response and Social Interaction: a Randomized Controlled Experimental Medicine Study"*

July-December 2020

Medical Research Fellow

Vestre Viken Trust, Kongsberg, Norway

PROJECT: *"Affective Effects of Opioids on Surgery Patients: a Randomized Double-Blind Controlled Study"*

March- December 2020

Postdoctoral Fellow

University of Oslo, Psychology Department, Oslo, Norway

2019-2020

Postdoctoral Research Fellow

Sussex Addiction Research & Intervention Centre, University of Sussex, Brighton, UK

PROJECT: *"Piloting a Contextually adapted, digital assessment and intervention platform for reducing alcohol abuse by high-risk youth in India: Evaluation and Capacity Building"*

2018-2019

Research Fellow

Department of Physiology and Pharmacology, Sapienza University of Rome (Italy)

PROJECT: *"Neural and neuropsychological correlates of the effects of Psychostimulants vs Opiates in Humans"*

2014-2017

Research Assistant

Sussex Addiction Research and Intervention Centre (SARIC), and Human Psychopharmacology Laboratory, University of Sussex, Brighton, UK

2013-2014

Research Fellow

Department of Physiology and Pharmacology, Sapienza University of Rome, Italy

PROJECT: *"Interazione farmaco-ambiente: uno studio preliminare in soggetti tossicodipendenti"*

2010-2012

Research Assistant

Department of Physiology and Pharmacology Sapienza, University of Rome,

Villa Maraini (Substance Misuse Service, Italian Red Cross), Italy

Neuroimaging Laboratory, Santa Lucia Foundations, Rome, Italy

2009-2012

Research Assistant

Department of Neuroscience, Neurology Unit, Neuropsychology, University Hospital Sant'Andrea, Sapienza University of Rome, Italy

TEACHING

- 2019 Lecturer, Module PHA407 'The Research Pharmacist' - MPharm, School of Life Science, University of Sussex, Brighton, UK
- April 2019 Workshop "Develop your Academic Writing" - Sangath, Goa, India
- 2013-2015 Associate Tutor, 'Research Skills in Psychology' Module, B.Sc. in Psychology, University of Sussex, Brighton, UK

ISTRUZIONE E FORMAZIONE

- 2017 **Ph.D. in Psychology**
School of Psychology, University of Sussex, Brighton, UK
Dissertation: "Substance-specific modulation of the affective and neurobiological effects of heroin and cocaine in human addicts"
- 2012 **M.Sc. in Cognitive Neuroscience (Neuroscienze Cognitive e Riabilitazione Psicologica)**
School of Medicine and Psychology, Sapienza University of Rome, Italy
- 2010 **B.Sc. in Cognitive Neuropsychology (Scienze e Tecniche Psicologiche per l'analisi dei processi cognitive normali e patologici, Percorso Salute e Riabilitazione)**
School of Psychology, Sapienza University of Rome, Italy

COMPETENZE PERSONALI

Lingua madre Italiano

Inglese

COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
C1/C2	C1/C2	C1/C2	C1/C2	C1/C2
IELTS				
A2/B1	A2/B1	A2/B1	A2/B1	A2/B1

Norvegese

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato
[Quadro Comune Europeo di Riferimento delle Lingue](#)

Competenze comunicative

Ability to interact constructively in group, and to collaborate with different professional profiles in multi-disciplinary team in research and clinical setting. I am trained to work with patients with cognitive impairment and vulnerable populations in both clinical setting, and real-world situations.

Competenze organizzative e gestionali

Experience in the management of complex research projects in both clinical and laboratory settings. I have supervised and provide research training to psychological and medical students. I have also trained social workers in Drug Addiction research. I have experience in organization of seminars, courses, and meetings in scientific disciplines.

Competenze professionali

Neuropsychological Assessment, neuropsychopharmacology, brain imaging techniques, human psychopharmacology research in healthy volunteers and clinical populations with substance use disorder and neurological impairment. Use of quantitative and qualitative research methods. Development of statistical instruments / test for clinical assessment, research, and intervention. Data analysis. Psychological assessment and training. Teaching of research methods in statistic, neuropsychopharmacology and neuroscience.

Competenze digitali

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
Intermedio/ Avanzato	Intermedio/ Avanzato	Intermedio/ Avanzato	Intermedio/ Avanzato	Intermedio/ Avanzato

Livelli: Utente base - Utente intermedio - Utente avanzato
 Competenze digitali - Scheda per l'autovalutazione

- buona padronanza degli strumenti della suite per ufficio (elaboratore di testi, foglio elettronico, software di presentazione)
- buona padronanza dei programmi per l'elaborazione di dati di neuroimaging (SPM; FSL)
- ottima padronanza dei programmi per analisi statistica dei dati (SPSS; R)

ULTERIORI INFORMAZIONI

Pubblicazioni

Badiani A, Caprioli D, **De Pirro S** (2019) Opposite environmental gating of the experienced utility ('liking') and decision utility ('wanting') of heroin versus cocaine in animals and humans: implications for computational neuroscience. *Psychopharmacology (Berl)* 236(8):2451-2471. Recommended as 'good' by f1000 (<https://f1000.com/prime/736178051>).

De Pirro S, Lush P, Parkinson J, Duka T, Critchley HD, Badiani A (2019) Effect of alcohol on the sense of agency in healthy humans. *Addict Biol.* 2019 Jun 20:e12796. (Altmetric score 152)

De Pirro S, Galati G, Pizzamiglio L, Badiani A (2018) Affective and neural responses to heroin and cocaine are influenced by environmental setting but in opposite direction. *J Neurosci.* 38(22):5182- 5195. Recommended as 'very good' by f1000 (<https://f1000.com/prime/734678533>). (Altmetric score: 114)

Martinez Cornelio P, **De Pirro S**, Thanh Vi C, Subramanian S (2017) Agency in Mid-air interface. *Proceedings of the 2017 ACM CHI Conference on Human Factors in Computing Systems*, pp 2426-2439.

Badiani A, Boden JM, **De Pirro S**, Fergusson DM, Horwood LJ, Harold GT (2015) Tobacco smoking and cannabis use in a longitudinal birth cohort: Evidence of reciprocal causal relationships. *Drug Alcohol Depend* 150:69-76.

Under Revision

Milella MS, D'Ottavio G, **De Pirro S**, Caprioli D, Badiani A (2022) Heroin and its metabolites: relevance to heroin use disorder. Submitted

Conferenze e Simposi (organizzazione)

Co-Chair with Dr Marco Venniro, (University of Maryland, USA) EBPS (European Behavioural Pharmacological Society) 2021-Symposium: Alternative strategies to Drug Addiction Treatment.

Public Engagement Activity

Headset - Scientific Collaborator to Victoria Melody, visual and performance artist, on the theatrical project "Headset", based on the effects of drugs (dopaminergic medications) and natural reward in people with ADHD.

Corsi

Good Clinical Practice, GPC Certification, NHS, UK
 SPM Course (UCL, London, UK)
 fMRIB Graduate Programme (University of Oxford, UK)
 FSL course (fMRIB Analysis Group from the University of Oxford, Giardini Naxos, Italy)
 Images of Minds - new frontiers in brain imaging Advanced fMRI statistical methods and their applications (University of Milano-Bicocca, Milan, Italy)
 Web Content Manager training, (University of Sussex, Brighton, UK)
 Safe management of Controlled Drugs training, (Brighton & Hove Division, Sussex Police, UK)
 First Aid at Work, (University of Sussex, Brighton, UK)
 Limbic Brain Anatomy Course, (Kings College of London, UK)
 Venepuncture training, (Brighton and Sussex Medical School, Brighton, UK)
 MRI Safety Course, (IRCSS Santa Lucia Foundation, Rome, UK)
 CEM Course in Clinical Epidemiology, Istituto Superiore di Sanità, (Italian Ministry of Health, Rome, Italy)

Dati personali Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

La sottoscritta dichiara di essere consapevole che il presente *curriculum vitae* sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

Data 21 Dicembre 2022

f.to

FIRMA OSCURATA